

Attorney Docket No. 10559-362001
Application No. 09/734,333
Amendment dated May 7, 2004
Reply to Office Action dated January 15, 2004

Amendment to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently amended) A method, comprising:
obtaining a non Java™ object;
converting said non Java™ object into a wrapped object
which has certain attributes of a Java™ object; and
publishing said wrapped object with a broker that publishes
information about Java™ objects.
2. (Currently amended) A method as in claim 1, wherein
said broker is a Jini™ Jini™ broker.
3. (Original) A method as in claim 1 wherein said wrapped
object is formed with an wrapper.
4. (Currently amended) A method as in claim 1, wherein
said converting comprises inspecting said non Java™ object to
determine at least one aspect of said non Java™ object.

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5. (Currently amended) A method as in claim ~~for 4~~ wherein said at least one aspect includes keyword information, which can be used by the broker in a search.

6. (Currently amended) A method as in claim 5, further comprising searching said broker for keywords, and finding said non Java™ object based on said searching.

7. (Original) A method as in claim 4, wherein said at least one aspect includes at least one of methods or functionality.

8. (Original) A method as in claim 4, further comprising tunneling proxy code based on said aspects.

9. (Original) A method as in claim 1, further comprising automatically updating information in said broker.

10. (Currently amended) A method as in claim 2 further comprising obtaining a ~~Jini~~ Jini™ lease, which automatically updates broker if the service is still up and running.

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11. (Currently amended) A method As in claim 1, wherein said wrapped object has a format of Jini™ proxy code.

12. (Currently amended) A computer system, comprising:
a first portion, storing a non Java™ object;
a bridge portion, which automatically investigates said non Java™ object, and wraps said non Java™ object into a wrapped object with a wrapper that appears to have certain attributes of a Java™ object; and
a communication element, providing said wrapped Java™ object to a broker for Java™ objects.

13. (Currently amended) A computer system as in claim 12, further comprising a broker for Java™ objects, connected via a communication link with said communication element.

14. (Currently amended) A computer system as in claim 13, wherein said bridge portion also produces information indicative of at least a plurality of aspects of said non Java™ object, and provides said information to said broker.

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15. (Currently amended) A computer system as in claim 14,
wherein said aspects includes keywords indicating a
functionality of said non Java™ object.

16. (Currently amended) A computer system as in claim 12,
wherein said bridge further stores a Java™ object which forces
said attributes to be updated at specified intervals.

17. (Currently amended) A computer system as in claim 13,
wherein said broker is a Jini™ broker.

18. (Currently amended) A computer system as in claim 17,
wherein said wrapped object is wrapped to have asked attributes
of Jini™ proxies.

19. (Currently amended) A method, comprising:
converting a non Java™ object into a wrapped object which
has certain attributes of a Java™ object;
providing said wrapped object to a Jini™ broker which
publishes various information about said Java™ object; and
automatically updating said information.

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20. (Currently amended) A method as in claim 19, wherein said automatically updating comprises obtaining a Java™ object which requires automatic updating at specified intervals.

21. (Currently amended) A method as in claim 20, wherein said wrapped object is wrapped in a way which simulates a Jini™ proxy. []]

22. (Currently amended) An apparatus comprising a machine-readable storage medium having executable instructions for enabling the machine to:

obtain a non Java™ object;
convert said non Java™ object into a wrapped object which has certain attributes of a Java™ object;
and
provide said information in a way which allows said Java™ object to be provided to a broker wherein said converting comprises automatically searching for functionality of said non Java™ object.

23. (Canceled)

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24. (Currently amended) An apparatus as in claim 23 22, wherein said converting also comprises automatically obtaining keywords about said functionality.

25. (Original) An apparatus as in claim 22, wherein said converting comprises adding keywords manually by the user through a graphical user interface.

26. (Currently amended) A method, comprising:
determining information about a service that performs specified operations;
determining if said service has certain attributes of a Java™ object, and converting a non Java™ object into a wrapped object which has certain attributes of a Java™ object; and providing said Java or non-Java™ service to a Jini™ broker which publishes various information about said object.

27. (Currently amended) A method as in claim 26, wherein said determining comprises wrapping said Java™ object to look like a Java™ proxy code.